

**County Distribution of Michigan's Federally  
Threatened, Endangered, Proposed, and Candidate Species**  
For more information about threatened and endangered species in Michigan, contact the  
U.S. Fish & Wildlife Service office at 2651 Coolidge Road, Suite 101,  
East Lansing, Michigan 48823 (517/351-6274)

County	Species	Status	Habitat
Alcona	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Kirtland's warbler ( <i>Dendroica kirtlandii</i> )	Endangered	Nests in young stands of jack pine
	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
	Pitcher's thistle ( <i>Cirsium pitcheri</i> )	Threatened	Stabilized dunes and blowout areas
Alger	Canada lynx ( <i>Lynx canadensis</i> )	Threatened	Northern forested areas. This county has potential for lynx to be present; however, there has been no recent data indicating lynx currently reside in this county.
	Gray wolf ( <i>Canis lupus</i> )	Threatened	Northern forested areas
	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Piping plover ( <i>Charadrius melodus</i> )	Endangered	Beaches along shorelines of the Great Lakes
	Piping plover ( <i>Charadrius melodus</i> )	Critical Habitat Designated	
	Pitcher's thistle ( <i>Cirsium pitcheri</i> )	Threatened	Stabilized dunes and blowout areas
Allegan	Indiana bat ( <i>Myotis sodalis</i> )	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
	Karner blue butterfly ( <i>Lycaeides melissa samuelis</i> )	Endangered	Pine barrens and oak savannas on sandy soils and containing wild lupines ( <i>Lupinus perennis</i> ), the only known food plant of larvae.

County	Species	Status	Habitat
Allegan (continued)	Pitcher's thistle ( <i>Cirsium pitcheri</i> )	Threatened	Stabilized dunes and blowout areas
Alpena	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Piping plover ( <i>Charadrius melodus</i> )	Endangered	Beaches along shorelines of the Great Lakes
	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
	Hine's emerald dragonfly <i>Somatochlora hineana</i>	Endangered	Spring fed wetlands, wet meadows and marshes; calcareous streams & associated wetlands overlying dolomite bedrock
	Dwarf lake iris ( <i>Iris lacustris</i> )	Threatened	Partially shaded sandy-gravelly soils on lakeshores
	Houghton's goldenrod ( <i>Solidago houghtonii</i> )	Threatened	Sandy flats along Great Lakes shores
	Pitcher's thistle ( <i>Cirsium pitcheri</i> )	Threatened	Stabilized dunes and blowout areas
Antrim	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
	Pitcher's thistle ( <i>Cirsium pitcheri</i> )	Threatened	Stabilized dunes and blowout areas
Arenac	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
	Pitcher's thistle ( <i>Cirsium pitcheri</i> )	Threatened	Stabilized dunes and blowout areas
Baraga	Canada lynx ( <i>Lynx canadensis</i> )	Threatened	Northern forested areas. This county has potential for lynx to be present; however, there has been no recent data indicating lynx currently reside in this county.
	Gray wolf ( <i>Canis lupus</i> )	Threatened	Northern forested areas

County	Species	Status	Habitat
Baraga (continued)	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Kirtland's warbler ( <i>Dendroica kirtlandii</i> )	Endangered	Nests in young stands of jack pine
Barry	Indiana bat ( <i>Myotis sodalis</i> )	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
	Mitchell's satyr butterfly ( <i>Neonympha mitchellii mitchellii</i> )	Endangered	Fens; wetlands characterized by calcareous soils which are fed by carbonate-rich water from seeps and springs
Bay	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Prairie fringed orchid ( <i>Plantathera leucophaea</i> )	Threatened	Mesic to wet prairies and meadows
Benzie	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Piping plover ( <i>Charadrius melodus</i> )	Critical Habitat Designated	
	Michigan monkey-flower ( <i>Mimulus glabratus</i> var. <i>michiganensis</i> )	Endangered	Soils saturated with cold flowing spring water; found along seepages, streams and lakeshores
	Pitcher's thistle ( <i>Cirsium pitcheri</i> )	Threatened	Stabilized dunes and blowout areas
Berrien	Indiana bat ( <i>Myotis sodalis</i> )	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
	Piping plover ( <i>Charadrius melodus</i> )	Endangered	Beaches along shorelines of the Great Lakes
	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	

County	Species	Status	Habitat
Berrien (continued)	Mitchell's satyr butterfly ( <i>Neonympha mitchellii mitchellii</i> )	Endangered	Fens; wetlands characterized by calcareous soils which are fed by carbonate-rich water from seeps and springs
	Pitcher's thistle ( <i>Cirsium pitcheri</i> )	Threatened	Stabilized dunes and blowout areas
	Small whorled pogonia ( <i>Isotria medeoloides</i> )	Threatened	Dry woodland; upland sites in mixed forests (second or third growth stage)
Branch	Indiana bat ( <i>Myotis sodalis</i> )	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
	Copperbelly water snake ( <i>Nerodia erythrogaster neglecta</i> )	Threatened	Wooded and permanently wet areas such as oxbows, sloughs, brushy ditches and floodplain woods
	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
	Mitchell's satyr butterfly ( <i>Neonympha mitchellii mitchellii</i> )	Endangered	Fens; wetlands characterized by calcareous soils which are fed by carbonate-rich water from seeps and springs
Calhoun	Indiana bat ( <i>Myotis sodalis</i> )	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
	Copperbelly water snake ( <i>Nerodia erythrogaster neglecta</i> )	Threatened	Wooded and permanently wet areas such as oxbows, sloughs, brushy ditches and floodplain woods
	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
	Small whorled pogonia ( <i>Isotria medeoloides</i> )	Threatened	Dry woodland; upland sites in mixed forests (second or third growth stage)
Cass	Indiana bat ( <i>Myotis sodalis</i> )	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.

County	Species	Status	Habitat
Cass (continued)	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
	Mitchell's satyr butterfly ( <i>Neonympha mitchellii mitchellii</i> )	Endangered	Fens; wetlands characterized by calcareous soils which are fed by carbonate-rich water from seeps and springs
Charlevoix	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Piping plover ( <i>Charadrius melodus</i> )	Endangered	Beaches along shorelines of the Great Lakes
	Piping plover ( <i>Charadrius melodus</i> )	Critical Habitat Designated	
	Dwarf lake iris ( <i>Iris lacustris</i> )	Threatened	Partially shaded sandy-gravelly soils on lakeshores
	Houghton's goldenrod ( <i>Solidago houghtonii</i> )	Threatened	Sandy flats along Great Lakes shores
	Michigan monkey-flower ( <i>Mimulus glabratus</i> var. <i>michiganensis</i> )	Endangered	Soils saturated with cold flowing spring water; found along seepages, streams and lakeshores
	Pitcher's thistle ( <i>Cirsium pitcheri</i> )	Threatened	Stabilized dunes and blowout areas
Cheboygan	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Piping plover ( <i>Charadrius melodus</i> )	Endangered	Beaches along shorelines of the Great Lakes
	Piping plover ( <i>Charadrius melodus</i> )	Critical Habitat Designated	
	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
	Dwarf lake iris ( <i>Iris lacustris</i> )	Threatened	Partially shaded sandy-gravelly soils on lakeshores
	Eastern prairie fringed orchid ( <i>Plantathera leucophaea</i> )	Threatened	Mesic to wet prairies and meadows
	Houghton's goldenrod ( <i>Solidago houghtonii</i> )	Threatened	Sandy flats along Great Lakes shores

County	Species	Status	Habitat
Cheboygan (continued)	Michigan monkey-flower ( <i>Mimulus glabratus</i> var. <i>michiganensis</i> )	Endangered	Soils saturated with cold flowing spring water; found along seepages, streams and lakeshores
	Pitcher's thistle ( <i>Cirsium pitcheri</i> )	Threatened	Stabilized dunes and blowout areas
Chippewa	Canada lynx ( <i>Lynx canadensis</i> )	Threatened	Northern forested areas. This county has potential for lynx to be present; however, there has been no recent data indicating lynx currently reside in this county.
	Gray wolf ( <i>Canis lupus</i> )	Threatened	Northern forested areas
	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Piping plover ( <i>Charadrius melodus</i> )	Endangered	Beaches along shorelines of the Great Lakes
	Piping plover ( <i>Charadrius melodus</i> )	Critical Habitat Designated	
	American hart's tongue fern ( <i>Pyllitis scolopendrium</i> var. <i>americana</i> )	Threatened	Cool limestone sinkholes in mature hardwood forest
	Dwarf lake iris ( <i>Iris lacustris</i> )	Threatened	Partially shaded sandy-gravelly soils on lakeshores
	Houghton's goldenrod ( <i>Solidago houghtonii</i> )	Threatened	Sandy flats along Great Lakes shores
	Pitcher's thistle ( <i>Cirsium pitcheri</i> )	Threatened	Stabilized dunes and blowout areas
Clinton	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
	Prairie fringed orchid ( <i>Plantathera leucophaea</i> )	Threatened	Mesic to wet prairies and meadows
Clare	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
	Kirtland's warbler ( <i>Dendroica kirtlandii</i> )	Endangered	Nests in young stands of jack pine

County	Species	Status	Habitat
Crawford	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Kirtland's warbler ( <i>Dendroica kirtlandii</i> )	Endangered	Nests in young stands of jack pine
	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
	Houghton's goldenrod ( <i>Solidago houghtonii</i> )	Threatened	Sandy flats along Great Lakes shores
Delta	Canada lynx ( <i>Lynx canadensis</i> )	Threatened	Northern forested areas. This county has potential for lynx to be present; however, there has been no recent data indicating lynx currently reside in this county.
	Gray wolf ( <i>Canis lupus</i> )	Threatened	Northern forested areas
	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Kirtland's warbler ( <i>Dendroica kirtlandii</i> )	Endangered	Nests in young stands of jack pine
	Piping plover ( <i>Charadrius melodus</i> )	Endangered	Beaches along shorelines of the Great Lakes
	Dwarf lake iris ( <i>Iris lacustris</i> )	Threatened	Partially shaded sandy-gravelly soils on lakeshores
	Pitcher's thistle ( <i>Cirsium pitcheri</i> )	Threatened	Stabilized dunes and blowout areas
Dickinson	Canada lynx ( <i>Lynx canadensis</i> )	Threatened	Northern forested areas. This county has potential for lynx to be present; however, there has been no recent data indicating lynx currently reside in this county.
	Gray wolf ( <i>Canis lupus</i> )	Threatened	Northern forested areas
	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
Eaton	Indiana bat ( <i>Myotis sodalis</i> )	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.

County	Species	Status	Habitat
Eaton (continued)	Copperbelly water snake ( <i>Nerodia erythrogaster neglecta</i> )	Threatened	Wooded and permanently wet areas such as oxbows, sloughs, brushy ditches and floodplain woods
	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
	Prairie fringed orchid ( <i>Plantathera leucophaea</i> )	Threatened	Mesic to wet prairies and meadows
	Small whorled pogonia ( <i>Isotria medeoloides</i> )	Threatened	Dry woodland; upland sites in mixed forests (second or third growth stage)
Emmett	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Piping plover ( <i>Charadrius melodus</i> )	Endangered	Beaches along shorelines of the Great Lakes
	Piping plover ( <i>Charadrius melodus</i> )	Critical Habitat Designated	
	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
	Hungerford's crawling water beetle ( <i>Brychius hungerfordi</i> )	Endangered	Cool riffles of clean, slightly alkaline streams; known to occur in only 3 isolated locations
	Dwarf lake iris ( <i>Iris lacustris</i> )	Threatened	Partially shaded sandy-gravelly soils on lakeshores
	Houghton's goldenrod ( <i>Solidago houghtonii</i> )	Threatened	Sandy flats along Great Lakes shores
	Michigan monkey-flower ( <i>Mimulus glabratus</i> var. <i>michiganensis</i> )	Endangered	Soils saturated with cold flowing spring water; found along seepages, streams and lakeshores
	Pitcher's thistle ( <i>Cirsium pitcheri</i> )	Threatened	Stabilized dunes and blowout areas
Genesee	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
	Prairie fringed orchid ( <i>Plantathera leucophaea</i> )	Threatened	Mesic to wet prairies and meadows
	Small whorled pogonia ( <i>Isotria medeoloides</i> )	Threatened	Dry woodland; upland sites in mixed forests (second or third growth stage)



County	Species	Status	Habitat
Gladwin	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
Gogebic	Canada lynx ( <i>Lynx canadensis</i> )	Threatened	Northern forested areas. This county has potential for lynx to be present; however, there has been no recent data indicating lynx currently reside in this county.
	Gray wolf ( <i>Canis lupus</i> )	Threatened	Northern forested areas
	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
Grand Traverse	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
	Pitcher's thistle ( <i>Cirsium pitcheri</i> )	Threatened	Stabilized dunes and blowout areas
Hillsdale	Indiana bat ( <i>Myotis sodalis</i> )	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
	Copperbelly water snake ( <i>Nerodia erythrogaster neglecta</i> )	Threatened	Wooded and permanently wet areas such as oxbows, sloughs, brushy ditches and floodplain woods
	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
	Clubshell ( <i>Pleurobema clava</i> )	Endangered	Found in coarse sand and gravel areas of runs and riffles within streams and small rivers
Houghton	Canada lynx ( <i>Lynx canadensis</i> )	Threatened	Northern forested areas. This county has potential for lynx to be present; however, there has been no recent data indicating lynx currently reside in this county.
	Gray wolf ( <i>Canis lupus</i> )	Threatened	Northern forested areas
	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water

County	Species	Status	Habitat
Houghton (continued)	Pitcher's thistle ( <i>Cirsium pitcheri</i> )	Threatened	Stabilized dunes and blowout areas
	Prairie fringed orchid ( <i>Plantathera leucophaea</i> )	Threatened	Mesic to wet prairies and meadows
Huron	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
	Pitcher's thistle ( <i>Cirsium pitcheri</i> )	Threatened	Stabilized dunes and blowout areas
	Eastern prairie fringed orchid ( <i>Plantathera leucophaea</i> )	Threatened	Mesic to wet prairies and meadows
Ingham	Indiana bat ( <i>Myotis sodalis</i> )	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
Ionia	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
	Karner blue butterfly ( <i>Lycaeides melissa samuelis</i> )	Endangered	Pine barrens and oak savannas on sandy soils and containing wild lupines ( <i>Lupinus perennis</i> ), the only known food plant of larvae.
Iosco	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Kirtland's warbler ( <i>Dendroica kirtlandii</i> )	Endangered	Nests in young stands of jack pine
	Piping plover ( <i>Charadrius melodus</i> )	Critical Habitat Designated	
	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
	Pitcher's thistle ( <i>Cirsium pitcheri</i> )	Threatened	Stabilized dunes and blowout areas

County	Species	Status	Habitat
Iron	Canada lynx ( <i>Lynx canadensis</i> )	Threatened	Northern forested areas. This county has potential for lynx to be present; however, there has been no recent data indicating lynx currently reside in this county.
	Gray wolf ( <i>Canis lupus</i> )	Threatened	Northern forested areas
Jackson	Indiana bat ( <i>Myotis sodalis</i> )	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
	Mitchell's satyr butterfly ( <i>Neonympha mitchellii mitchellii</i> )	Endangered	Fens; wetlands characterized by calcareous soils which are fed by carbonate-rich water from seeps and springs
Kalamazoo	Indiana bat ( <i>Myotis sodalis</i> )	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
	Mitchell's satyr butterfly ( <i>Neonympha mitchellii mitchellii</i> )	Endangered	Fens; wetlands characterized by calcareous soils which are fed by carbonate-rich water from seeps and springs
	Small whorled pogonia ( <i>Isotria medeoloides</i> )	Threatened	Dry woodland; upland sites in mixed forests (second or third growth stage)
Kalkaska	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Kirtland's warbler ( <i>Dendroica kirtlandii</i> )	Endangered	Nests in young stands of jack pine
	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	

County	Species	Status	Habitat
Kalkaska (continued)	Houghton's goldenrod ( <i>Solidago houghtonii</i> )	Threatened	Sandy flats along Great Lakes shores
	Small whorled pogonia ( <i>Isotria medeoloides</i> )	Threatened	Dry woodland; upland sites in mixed forests (second or third growth stage)
Kent	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
	Karner blue butterfly ( <i>Lycaeides melissa samuelis</i> )	Endangered	Pine barrens and oak savannas on sandy soils and containing wild lupines ( <i>Lupinus perennis</i> ), the only known food plant of larvae.
	Small whorled pogonia ( <i>Isotria medeoloides</i> )	Threatened	Dry woodland; upland sites in mixed forests (second or third growth stage)
Keweenaw	Canada lynx ( <i>Lynx canadensis</i> )	Threatened	Northern forested areas. This county has potential for lynx to be present; however, there has been no recent data indicating lynx currently reside in this county.
	Gray wolf ( <i>Canis lupus</i> )	Threatened	Northern forested areas
	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
Lake	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
	Karner blue butterfly ( <i>Lycaeides melissa samuelis</i> )	Endangered	Pine barrens and oak savannas on sandy soils and containing wild lupines ( <i>Lupinus perennis</i> ), the only known food plant of larvae.
Lapeer	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
Leelanau	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Piping plover ( <i>Charadrius melodus</i> )	Endangered	Beaches along shorelines of the Great Lakes
	Piping plover ( <i>Charadrius melodus</i> )	Critical Habitat Designated	

County	Species	Status	Habitat
Leelanau (continued)	Michigan monkey-flower ( <i>Mimulus glabratus</i> var. <i>michiganensis</i> )	Endangered	Soils saturated with cold flowing spring water; found along seepages, streams and lakeshores
	Pitcher's thistle ( <i>Cirsium pitcheri</i> )	Threatened	Stabilized dunes and blowout areas
Lenawee	Indiana bat ( <i>Myotis sodalis</i> )	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
Livingston	Indiana bat ( <i>Myotis sodalis</i> )	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
	Prairie fringed orchid ( <i>Plantathera leucophaea</i> )	Threatened	Mesic to wet prairies and meadows
Luce	Canada lynx ( <i>Lynx canadensis</i> )	Threatened	Northern forested areas. This county has potential for lynx to be present; however, there has been no recent data indicating lynx currently reside in this county.
	Gray wolf ( <i>Canis lupus</i> )	Threatened	Northern forested areas
	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Piping plover ( <i>Charadrius melodus</i> )	Endangered	Beaches along shorelines of the Great Lakes
	Piping plover ( <i>Charadrius melodus</i> )	Critical Habitat Designated	

County	Species	Status	Habitat
Mackinac	Canada lynx ( <i>Lynx canadensis</i> )	Threatened	Northern forested areas. This county has potential for lynx to be present; however, there has been no recent data indicating lynx currently reside in this county.
	Gray wolf ( <i>Canis lupus</i> )	Threatened	Northern forested areas
	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Piping plover ( <i>Charadrius melodus</i> )	Endangered	Beaches along shorelines of the Great Lakes
	Piping plover ( <i>Charadrius melodus</i> )	Critical Habitat Designated	
	Hine's emerald dragonfly ( <i>Somatochlora hineana</i> )	Endangered	Spring fed wetlands, wet meadows and marshes; calcareous streams & associated wetlands overlying dolomite bedrock
	American hart's tongue fern ( <i>Pyllitis scolopendrium</i> var. <i>americana</i> )	Threatened	Cool limestone sinkholes in mature hardwood forest
	Dwarf lake iris ( <i>Iris lacustris</i> )	Threatened	Partially shaded sandy-gravelly soils on lakeshores
	Houghton's goldenrod ( <i>Solidago houghtonii</i> ) Endangered	Threatened	Sandy flats along Great Lakes shores
	Lakeside daisy ( <i>Hymenoxys herbacea</i> )	Threatened	Dry gravelly or sandy thin-soiled fields and alvars with dolomitic or limestone bedrock at or near the surface
	Michigan monkey-flower ( <i>Mimulus glabratus</i> var. <i>michiganensis</i> )	Endangered	Soils saturated with cold flowing spring water; found along seepages, streams and lakeshores
	Pitcher's thistle ( <i>Cirsium pitcheri</i> )	Threatened	Stabilized dunes and blowout areas
Macomb	Indiana bat ( <i>Myotis sodalis</i> )	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
	Eastern massasauga ( <i>Sistrurus catenatus</i> <i>catenatus</i> )	Candidate	

County	Species	Status	Habitat
Manistee	Indiana bat ( <i>Myotis sodalis</i> )	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
	Pitcher's thistle ( <i>Cirsium pitcheri</i> )	Threatened	Stabilized dunes and blowout areas
Marquette	Canada lynx ( <i>Lynx canadensis</i> )	Threatened	Northern forested areas. This county has potential for lynx to be present; however, there has been no recent data indicating lynx currently reside in this county.
	Gray wolf ( <i>Canis lupus</i> )	Threatened	Northern forested areas
	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Kirtland's warbler ( <i>Dendroica kirtlandii</i> )	Endangered	Nests in young stands of jack pine
Mason	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Piping plover ( <i>Charadrius melodus</i> )	Critical Habitat Designated	
	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
	Karner blue butterfly ( <i>Lycaeides melissa samuelis</i> )	Endangered	Pine barrens and oak savannas on sandy soils and containing wild lupines ( <i>Lupinus perennis</i> ), the only known food plant of larvae.
	Pitcher's thistle ( <i>Cirsium pitcheri</i> )	Threatened	Stabilized dunes and blowout areas
Mecosta	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water

County	Species	Status	Habitat
Mecosta (continued)	Karner blue butterfly ( <i>Lycaeides melissa samuelis</i> )	Endangered	Pine barrens and oak savannas on sandy soils and containing wild lupines ( <i>Lupinus perennis</i> ), the only known food plant of larvae.
Menominee	Canada lynx ( <i>Lynx canadensis</i> )	Threatened	Northern forested areas. This county has potential for lynx to be present; however, there has been no recent data indicating lynx currently reside in this county.
	Gray wolf ( <i>Canis lupus</i> )	Threatened	Northern forested areas
	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Dwarf lake iris ( <i>Iris lacustris</i> )	Threatened	Partially shaded sandy-gravelly soils on lakeshores
Midland	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
Missaukee	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
Monroe	Indiana bat ( <i>Myotis sodalis</i> )	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Karner blue butterfly ( <i>Lycaeides melissa samuelis</i> )	Endangered	Pine barrens and oak savannas on sandy soils and containing wild lupines ( <i>Lupinus perennis</i> ), the only known food plant of larvae.
	Northern riffleshell ( <i>Dysnomia torulosa rangiana</i> )	Endangered	Large streams and small rivers in firm sand of riffle areas; also occurs in Lake Erie
	Prairie fringed orchid ( <i>Plantathera leucophaea</i> )	Threatened	Mesic to wet prairies and meadows
Montcalm	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water



County	Species	Status	Habitat
Montcalm (continued)	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
	Karner blue butterfly ( <i>Lycaeides melissa samuelis</i> )	Endangered	Pine barrens and oak savannas on sandy soils and containing wild lupines ( <i>Lupinus perennis</i> ), the only known food plant of larvae.
Montmorency	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Kirtland's warbler ( <i>Dendroica kirtlandii</i> )	Endangered	Nests in young stands of jack pine
	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
	Hungerford's crawling water beetle ( <i>Brychius hungerfordi</i> )	Endangered	Cool riffles of clean, slightly alkaline streams; known to occur in only 3 isolated locations
	Small whorled pogonia ( <i>Isotria medeoloides</i> )	Threatened	Dry woodland; upland sites in mixed forests (second or third growth stage)
Muskegon	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Piping plover ( <i>Charadrius melodus</i> )	Endangered	Beaches along shorelines of the Great Lakes
	Piping plover ( <i>Charadrius melodus</i> )	Critical Habitat Designated	
	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
	Karner blue butterfly ( <i>Lycaeides melissa samuelis</i> )	Endangered	Pine barrens and oak savannas on sandy soils and containing wild lupines ( <i>Lupinus perennis</i> ), the only known food plant of larvae.
	Pitcher's thistle ( <i>Cirsium pitcheri</i> )	Threatened	Stabilized dunes and blowout areas
Newaygo	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	

County	Species	Status	Habitat
Newaygo (continued)	Karner blue butterfly ( <i>Lycaeides melissa samuelis</i> )	Endangered	Pine barrens and oak savannas on sandy soils and containing wild lupines ( <i>Lupinus perennis</i> ), the only known food plant of larvae.
Oakland	Indiana bat ( <i>Myotis sodalis</i> )	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
	Copperbelly water snake ( <i>Nerodia erythrogaster neglecta</i> )	Threatened	Wooded and permanently wet areas such as oxbows, sloughs, brushy ditches and floodplain woods
	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
Oceana	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Karner blue butterfly ( <i>Lycaeides melissa samuelis</i> )	Endangered	Pine barrens and oak savannas on sandy soils and containing wild lupines ( <i>Lupinus perennis</i> ), the only known food plant of larvae.
	Pitcher's thistle ( <i>Cirsium pitcheri</i> )	Threatened	Stabilized dunes and blowout areas
Ogenaw	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Kirtland's warbler ( <i>Dendroica kirtlandii</i> )	Endangered	Nests in young stands of jack pine
Ontonagon	Canada lynx ( <i>Lynx canadensis</i> )	Threatened	Northern forested areas. This county has potential for lynx to be present; however, there has been no recent data indicating lynx currently reside in this county.
	Gray wolf ( <i>Canis lupus</i> )	Threatened	Northern forested areas
	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
Osceola	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
Oscoda	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water

County	Species	Status	Habitat
Oscoda (continued)	Kirtland's warbler ( <i>Dendroica kirtlandii</i> )	Endangered	Nests in young stands of jack pine
	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
Otsego	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Kirtland's warbler ( <i>Dendroica kirtlandii</i> )	Endangered	Nests in young stands of jack pine
Ottawa	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Pitcher's thistle ( <i>Cirsium pitcheri</i> )	Threatened	Stabilized dunes and blowout areas
Presque Isle	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Piping plover ( <i>Charadrius melodus</i> )	Critical Habitat Designated	
	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
	Hine's emerald dragonfly <i>Somatochlora hineana</i>	Endangered	Spring fed wetlands, wet meadows and marshes; calcareous streams & associated wetlands overlying dolomite bedrock
	Dwarf lake iris ( <i>Iris lacustris</i> )	Threatened	Partially shaded sandy-gravelly soils on lakeshores
	Houghton's goldenrod ( <i>Solidago houghtonii</i> )	Threatened	Sandy flats along Great Lakes shores
	Pitcher's thistle ( <i>Cirsium pitcheri</i> )	Threatened	Stabilized dunes and blowout areas
Roscommon	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Kirtland's warbler ( <i>Dendroica kirtlandii</i> )	Endangered	Nests in young stands of jack pine
Saginaw	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Eastern massasauga ( <i>Sistrurus catenatus</i> )	Candidate	

County	Species	Status	Habitat
Saginaw (continued)	Prairie fringed orchid ( <i>Plantathera leucophaea</i> )	Threatened	Mesic to wet prairies and meadows
	Small whorled pogonia ( <i>Isotria medeoloides</i> )	Threatened	Dry woodland; upland sites in mixed forests (second or third growth stage)
Sanilac	Northern riffleshell ( <i>Dysnomia torulosa rangiana</i> )	Endangered	Large streams and small rivers in firm sand of riffle areas; also occurs in Lake Erie
Schoolcraft	Canada lynx ( <i>Lynx canadensis</i> )	Threatened	Northern forested areas. This county has potential for lynx to be present; however, there has been no recent data indicating lynx currently reside in this county.
	Gray wolf ( <i>Canis lupus</i> )	Threatened	Northern forested areas
	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Kirtland's warbler ( <i>Dendroica kirtlandii</i> )	Endangered	Nests in young stands of jack pine
	Piping plover ( <i>Charadrius melodus</i> )	Critical Habitat Designated	
	Dwarf lake iris ( <i>Iris lacustris</i> )	Threatened	Partially shaded sandy-gravelly soils on lakeshores
	Houghton's goldenrod ( <i>Solidago houghtonii</i> )	Threatened	Sandy flats along Great Lakes shores
	Pitcher's thistle ( <i>Cirsium pitcheri</i> )	Threatened	Stabilized dunes and blowout areas
St. Clair	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Prairie fringed orchid ( <i>Plantathera leucophaea</i> )	Threatened	Mesic to wet prairies and meadows
St. Joseph	Indiana bat ( <i>Myotis sodalis</i> )	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	

County	Species	Status	Habitat
St. Joseph (continued)	Mitchell's satyr butterfly ( <i>Neonympha mitchellii mitchellii</i> )	Endangered	Fens; wetlands characterized by calcareous soils which are fed by carbonate-rich water from seeps and springs
	Prairie fringed orchid ( <i>Plantathera leucophaea</i> )	Threatened	Mesic to wet prairies and meadows
Shiawassee	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
Tuscola	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Prairie fringed orchid ( <i>Plantathera leucophaea</i> )	Threatened	Mesic to wet prairies and meadows
Van Buren	Indiana bat ( <i>Myotis sodalis</i> )	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
	Mitchell's satyr butterfly ( <i>Neonympha mitchellii mitchellii</i> )	Endangered	Fens; wetlands characterized by calcareous soils which are fed by carbonate-rich water from seeps and springs
	Pitcher's thistle ( <i>Cirsium pitcheri</i> )	Threatened	Stabilized dunes and blowout areas
	Small whorled pogonia ( <i>Isotria medeoloides</i> )	Threatened	Dry woodland; upland sites in mixed forests (second or third growth stage)
Washtenaw	Indiana bat ( <i>Myotis sodalis</i> )	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
	Karner blue butterfly ( <i>Lycaeides melissa samuelis</i> )	Endangered	Pine barrens and oak savannas on sandy soils and containing wild lupines ( <i>Lupinus perennis</i> ), the only known food plant of larvae.

County	Species	Status	Habitat
Washtenaw (continued)	Mitchell's satyr butterfly ( <i>Neonympha mitchellii mitchellii</i> )	Endangered	Fens; wetlands characterized by calcareous soils which are fed by carbonate-rich water from seeps and springs
	Prairie fringed orchid ( <i>Plantathera leucophaea</i> )	Threatened	Mesic to wet prairies and meadows
Wayne	Indiana bat ( <i>Myotis sodalis</i> )	Endangered	Summer habitat includes small to medium river and stream corridors with well developed riparian woods; woodlots within 1 to 3 miles of small to medium rivers and streams; and upland forests. Caves and mines as hibernacula.
	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water
	Eastern massasauga ( <i>Sistrurus catenatus catenatus</i> )	Candidate	
	Northern riffleshell ( <i>Dysnomia torulosa rangiana</i> )	Endangered	Large streams and small rivers in firm sand of riffle areas; also occurs in Lake Erie
	Prairie fringed orchid ( <i>Plantathera leucophaea</i> )	Threatened	Mesic to wet prairies and meadows
Wexford	Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Threatened	Mature forest near water

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